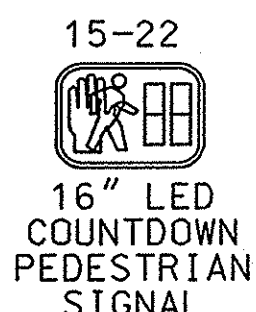
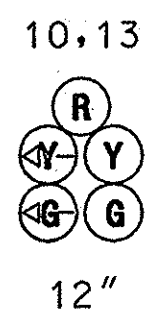
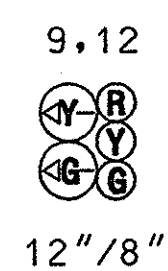
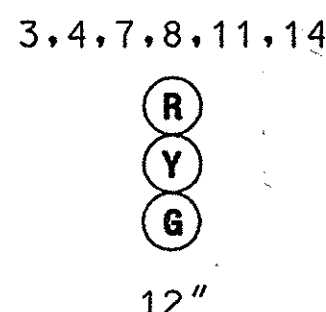
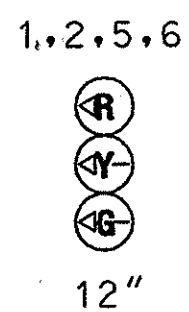


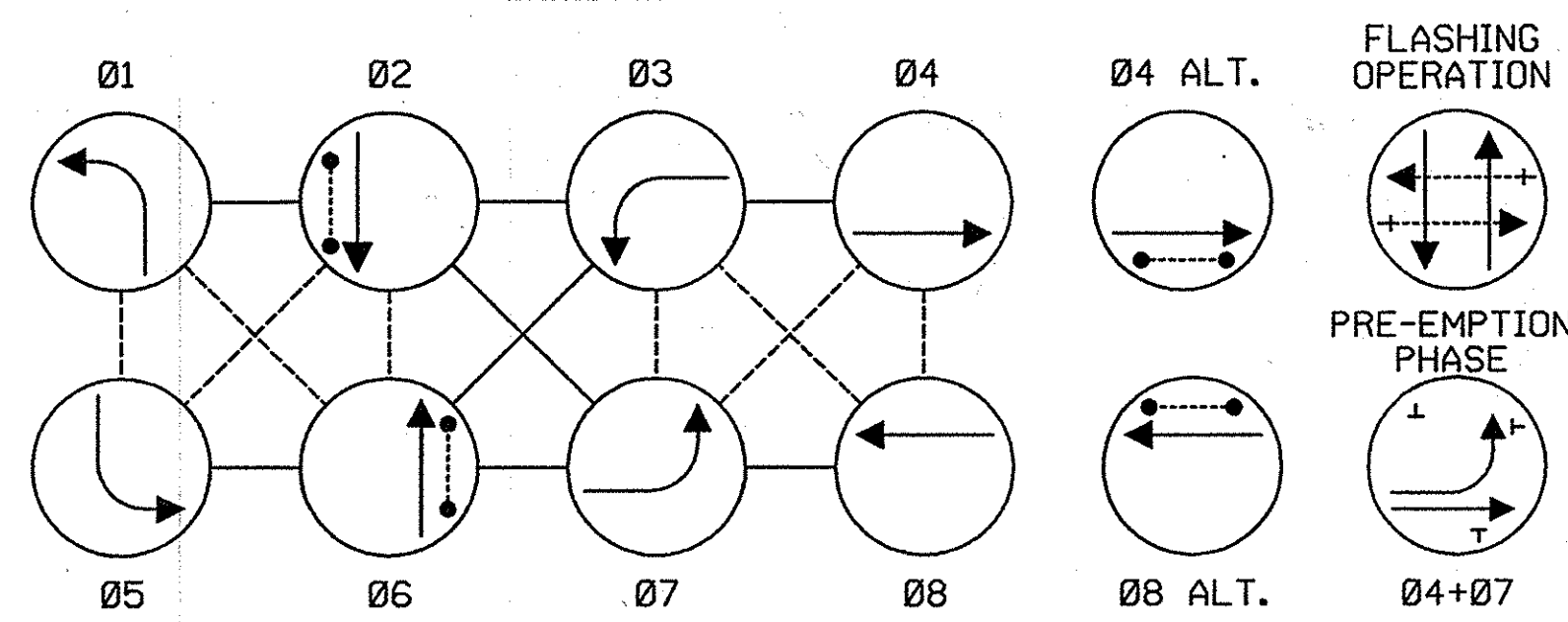


MD 458 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

EXISTING SIGNALS TO REMAIN



NEMA PHASING

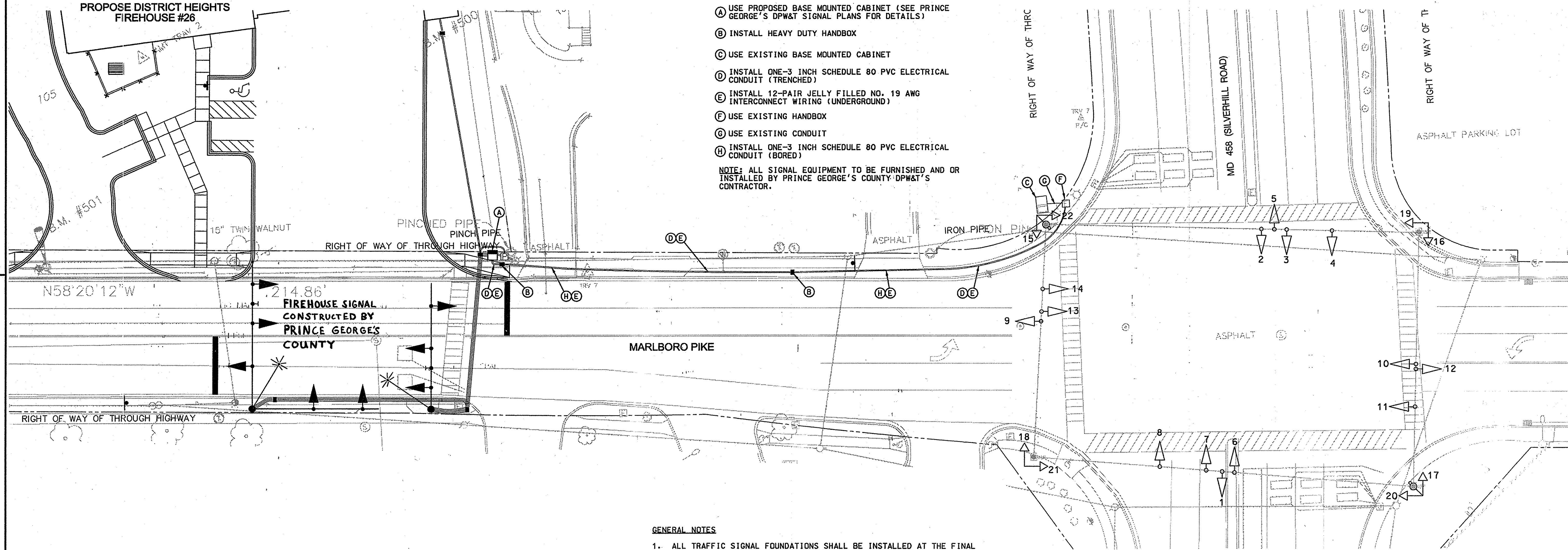


NOTE:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS:

- (A) USE PROPOSED BASE MOUNTED CABINET (SEE PRINCE GEORGE'S DPW&T SIGNAL PLANS FOR DETAILS)
- (B) INSTALL HEAVY DUTY HANDBOX
- (C) USE EXISTING BASE MOUNTED CABINET
- (D) INSTALL ONE-3 INCH SCHEDULE 80 PVC ELECTRICAL CONDUIT (TRENCHED)
- (E) INSTALL 12-PAIR JELLY FILLED NO. 19 AWG INTERCONNECT WIRING (UNDERGROUND)
- (F) USE EXISTING HANDBOX
- (G) USE EXISTING CONDUIT
- (H) INSTALL ONE-3 INCH SCHEDULE 80 PVC ELECTRICAL CONDUIT (BORED)

NOTE: ALL SIGNAL EQUIPMENT TO BE FURNISHED AND OR INSTALLED BY PRINCE GEORGE'S COUNTY DPW&T'S CONTRACTOR.



GENERAL NOTES

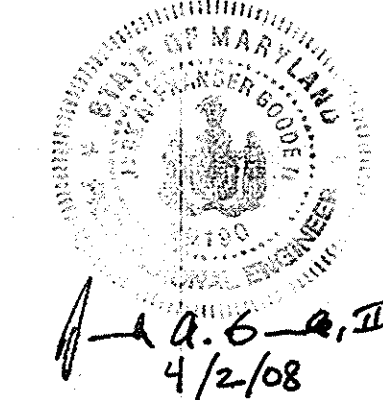
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04, THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
- THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
- THE CONTRACTOR SHALL GROUND ALL HANDBOXES PER MSHA STANDARDS.



A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS
12750 TWINDROCK PARKWAY ROCKVILLE, MD 20852
(301) 881-2545 FAX: (301) 881-0814
EMAIL: AMT@AMTENGINEERING.COM

PROFESSIONAL CERTIFICATION

"I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 29190, EXPIRATION DATE 6-17-09."



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
DISTRICT HEIGHTS FIRE STATION #26
MD 458 (SILVER HILL ROAD) AT MARLBORO PIKE

INTERCONNECT PLAN

APPROVALS	REVISIONS	SCALE 1" = 20'	ADVERTISED DATE 11/25/05	CONTRACT NO. CL-726-501-785
TEAM LEADER	1. INSTALL INTERCONNECT WIRING TO DISTRICT HEIGHTS FIREHOUSE 0408	DESIGNED BY	COUNTY	PRINCE GEORGE'S
ASST. DIV. CHIEF	2. MODIFIED BY PHASING TO EXCLUSIVE ON MD458 ADDED AUDIBLE PEDESTRIAN SIGNALS 0507	DRAWN BY	LOGMILE	16045802.71
DIVISION CHIEF	3. XXXXXXXX INSTALL INTERSECTION LIGHTING UPGRADE SIGNALS TO BLACKFACE 0902	CHECKED BY	TIMES NO.	1553
OFFICE DIRECTOR	SSGWA	F.A.P. NO.	TOD NO.	N/A
		TS NO. 1879H	DRAWING	SG-01 OF 02
			SHEET NO.	1 OF 2

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